IN THE CLAIMS:

Please amend the claims as follows.

--1(Currently amended). A method for reordering content in a content object <u>being one of a book, a collection of images, an album, a video and a multimedia object and</u> stored as a plurality of hierarchically related <u>individual</u> content entities in a data repository, each content entity having an identifier <u>and stored within said data repository as a file object</u>, comprising ~~the steps of~~:

<u>creating said content object by enabling selection of content entities within said data repository for inclusion within said content object via a user interface, wherein at least one selected content entity includes pre-existing material, is pre-stored in said data repository and is selectable for inclusion within a plurality of different content objects,</u>

defining the content object with a list of content entity identifiers <u>each associated with a corresponding one of said selected content entities, wherein the content entity identifiers each include identification information identifying the file object containing the content entity associated with that identifier, and wherein a hierarchical arrangement of the content entity identifiers within the list includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object hierarchical structure, and</u>

<u>redefining the order of the selected content entities and corresponding pre-existing material within the content object hierarchical structure in accordance with movement of</u> ~~such that moving~~ a content entity identifier to a new location within the list ~~redefines the order of the object's content entities,~~

~~wherein the hierarchically related content entities further comprise a parent container type and a child container type, wherein parent containers can contain child containers, and child containers can contain content entities;~~

~~wherein for the content object, storing as a file object within the data repository, the list of content entity identifiers indicating the content entities within the content object, wherein a hierarchical arrangement of the content entity identifiers within the list includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each containing a content entity, wherein the content entity identifiers each include identification information identifying the content file object containing the content entity associated with that identifier.~~

2(Original).   The method of claim 1, further comprising the step of receiving a user-specification of a content entity to move and target location for the specified content entity.

3(Currently amended).   The method of claim 2, further comprising the step of ~~providing a user interface communicating with the data repository, and~~ providing a mechanism for enabling a user to select a content entity to move and specify the target location in the content object through the user interface.

4(Currently amended).   A method for reordering content in a hierarchically structured content object <u>being one of a book, a collection of images, an album, a video and a multimedia</u>

3

object and stored as a plurality of hierarchically related individual content entities in a data

repository, each content entity having an identifier and stored within said data repository as a file

object, comprising the steps of:

creating said content object by enabling selection of content entities within said data

repository for inclusion within said content object via a user interface, wherein at least one

selected content entity includes pre-existing material, is pre-stored in said data repository and is

selectable for inclusion within a plurality of different content objects,

defining the content object with an outline of containers and content entity identifiers

each associated with a corresponding one of said selected content entities, wherein the content

entity identifiers each include identification information identifying the file object containing the

content entity associated with that identifier, and wherein a hierarchical arrangement of the

content entity identifiers within the outline includes at least one hierarchical tier and at least one

subordinate tier and corresponds to a user-defined content object hierarchical structure, and

redefining the order of the selected content entities and corresponding pre-existing

material within the content object hierarchical structure in accordance with movement of such

that moving a container or content entity identifier to a new location within the outline redefines

the order of the object's content entities,

wherein the hierarchically related content entities further comprise a parent container

type and a child container type, wherein parent containers can contain child containers, and child

containers can contain content entities;

wherein for the content object, storing as a file object within the data repository, the

outline of containers and content entity identifiers indicating the content entities within the

4

~~content object, wherein a hierarchical arrangement of the content entity identifiers within the~~

~~outline includes at least one hierarchical tier and at least one subordinate tier and corresponds to~~

~~a user-defined content object hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each~~

~~containing a content entity, wherein the content entity identifiers each include identification~~

~~information identifying the content file object containing the content entity associated with that~~

~~identifier.~~

5(Original). The method of claim 4, further comprising the step of receiving a user-specification of a content entity to move and target location for the specified content entity.

6(Currently amended). The method of claim 5, further comprising the step of ~~providing a user-interface communicating with the data repository, and~~ providing a mechanism for enabling a user to select a content entity to move and specify the target location in the content object through the user interface.

7(Currently amended). The method of claim 4, wherein the content object comprises a book, the content entities comprise sections and the containers comprise <u>at least one of</u> chapters and books.

8(Currently amended). A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for reordering content in a content object <u>being one of a book, a collection of images, an album, a</u>

video and a multimedia object and stored as a plurality of hierarchically related individual content entities in a data repository, each content entity having an identifier and stored within said data repository as a file object, said method comprising the steps of:

creating said content object by enabling selection of content entities within said data repository for inclusion within said content object via a user interface, wherein at least one selected content entity includes pre-existing material, is pre-stored in said data repository and is selectable for inclusion within a plurality of different content objects,

defining the content object with a list of content entity identifiers each associated with a corresponding one of said selected content entities, wherein the content entity identifiers each include identification information identifying the file object containing the content entity associated with that identifier, and wherein a hierarchical arrangement of the content entity identifiers within the list includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object hierarchical structure, and

redefining the order of the selected content entities and corresponding pre-existing material within the content object hierarchical structure in accordance with movement of such that moving a content entity identifier to a new location within the list redefines the order of the object's content entities,

wherein the hierarchically related content entities further comprise a parent container type and a child container type, wherein parent containers can contain child containers, and child containers can contain content entities;

~~wherein for the content object, storing as a file object within the data repository, the list of content entity identifiers indicating the content entities within the content object, wherein a hierarchical arrangement of the content entity identifiers within the list includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each containing a content entity, wherein the content entity identifiers each include identification information identifying the content file object containing the content entity associated with that identifier.~~

9(Currently amended). The <u>program storage device</u> ~~method~~ of claim 8, <u>wherein said method</u> further <u>comprises</u> ~~comprising the step of~~ receiving a user-specification of a content entity to move and target location for the specified content entity.

10(Currently amended). The <u>program storage device</u> ~~method~~ of claim 9, <u>wherein said method</u> further <u>comprises</u> ~~comprising the step of providing a user interface communicating with the data repository, and~~ providing a mechanism for enabling a user to select a content entity to move and specify the target location in the content object through the user interface.

11(Currently amended). ~~A method~~ <u>A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps</u> for reordering content in a hierarchically structured content object <u>being one of a book, a collection of images, an album, a video and a multimedia object and</u> stored as a plurality of

hierarchically related <u>individual</u> content entities in a data repository, each content entity having

an identifier <u>and stored within said data repository as a file object</u>, <u>said method</u> comprising ~~the~~

~~steps of~~:

creating said content object by enabling selection of content entities within said data

repository for inclusion within said content object via a user interface, wherein at least one

selected content entity includes pre-existing material, is pre-stored in said data repository and is

selectable for inclusion within a plurality of different content objects,

defining the content object with an outline of containers and content entity identifiers

each associated with a corresponding one of said selected content entities, wherein the content

entity identifiers each include identification information identifying the file object containing the

content entity associated with that identifier, and wherein a hierarchical arrangement of the

content entity identifiers within the outline includes at least one hierarchical tier and at least one

subordinate tier and corresponds to a user-defined content object hierarchical structure, and

redefining the order of the selected content entities and corresponding pre-existing

material within the content object hierarchical structure in accordance with movement of ~~such~~

~~that moving~~ a container or content entity identifier to a new location within the outline ~~redefines~~

~~the order of the object's content entities,~~

~~wherein the hierarchically related content entities further comprise a parent container~~

~~type and a child container type, wherein parent containers can contain child containers, and child~~

~~containers can contain content entities;~~

~~wherein for the content object, storing as a file object within the data repository, the~~

~~outline of containers and content entity identifiers indicating the content entities within the~~

8

~~content object, wherein a hierarchical arrangement of the content entity identifiers within the~~

~~outline includes at least one hierarchical tier and at least one subordinate tier and corresponds to~~

~~a user-defined content object hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each~~

~~containing a content entity, wherein the content entity identifiers each include identification~~

~~information identifying the content file object containing the content entity associated with that~~

~~identifier.~~

12(Currently amended). The <u>program storage device</u> ~~method~~ of claim 11, <u>wherein said</u>

<u>method</u> further <u>comprises</u> ~~comprising the step of~~ receiving a user-specification of a content entity

to move and target location for the specified content entity.

13(Currently amended). The <u>program storage device</u> ~~method~~ of claim 12, <u>wherein said</u>

<u>method</u> further <u>comprises</u> ~~comprising the step of providing a user interface communicating with~~

~~the data repository, and~~ providing a mechanism for enabling a user to select a content entity to

move and specify the target location in the content object through the user interface.

14(Currently amended). The <u>program storage device</u> ~~method~~ of claim 11, wherein the

content object comprises a book, the content entities comprise sections and the containers

comprise <u>at least one of</u> chapters and books.

15(Currently amended). A system for reordering content in a content object <u>being one of</u>

<u>a book, a collection of images, an album, a video and a multimedia object and</u> stored as a

plurality of hierarchically related <u>individual</u> content entities in a data repository, each content

entity having an identifier <u>and stored within said data repository as a file object</u>, comprising:

<u>means for creating said content object by enabling selection of content entities within</u>

<u>said data repository for inclusion within said content object via a user interface, wherein at least</u>

<u>one selected content entity includes pre-existing material, is pre-stored in said data repository</u>

<u>and is selectable for inclusion within a plurality of different content objects,</u>

means for defining the content object with a list of content entity identifiers <u>each</u>

<u>associated with a corresponding one of said selected content entities, wherein the content entity</u>

<u>identifiers each include identification information identifying the file object containing the</u>

<u>content entity associated with that identifier, and wherein a hierarchical arrangement of the</u>

<u>content entity identifiers within the list includes at least one hierarchical tier and at least one</u>

<u>subordinate tier and corresponds to a user-defined content object hierarchical structure, and</u>

<u>means for redefining the order of the selected content entities and corresponding pre-</u>

<u>existing material within the content object hierarchical structure in accordance with movement of</u>

~~such that moving~~ a content entity identifier to a new location within the list ~~redefines the order of~~

~~the object's content entities,~~

~~wherein the hierarchically related content entities further comprise a parent container~~

~~type and a child container type, wherein parent containers can contain child containers, and child~~

~~containers can contain content entities;~~

~~wherein for the content object, storing as a file object within the data repository, the list~~

~~of content entity identifiers indicating the content entities within the content object, wherein a~~

~~hierarchical arrangement of the content entity identifiers within the list includes at least one~~

~~hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object~~

~~hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each~~

~~containing a content entity, wherein the content entity identifiers each include identification~~

~~information identifying the content file object containing the content entity associated with that~~

~~identifier.~~

16(Original). The system of claim 15, further comprising means for receiving a user-specification of a content entity to move and target location for the specified content entity.

17(Currently amended). The system of claim 16, further comprising ~~a user interface~~ ~~communicating with the data repository, and~~ a mechanism for enabling a user to select a content entity to move and specify the target location in the content object through the user interface.

18(Currently amended). A system for reordering content in a hierarchically structured content object <u>being one of a book, a collection of images, an album, a video and a multimedia object and</u> stored as a plurality of hierarchically related <u>individual</u> content entities in a data repository, each content entity having an identifier <u>and stored within said data repository as a file object</u>, comprising:

<u>means for creating said content object by enabling selection of content entities within said data repository for inclusion within said content object via a user interface, wherein at least</u>

11

one selected content entity includes pre-existing material, is pre-stored in said data repository and is selectable for inclusion within a plurality of different content objects,

means for defining the content object with an outline of containers and content entity identifiers each associated with a corresponding one of said selected content entities, wherein the content entity identifiers each include identification information identifying the file object containing the content entity associated with that identifier, and wherein a hierarchical arrangement of the content entity identifiers within the outline includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object hierarchical structure, and

means for redefining the order of the selected content entities and corresponding pre-existing material within the content object hierarchical structure in accordance with movement of ~~such that moving~~ a container or content entity identifier to a new location within the outline ~~redefines the order of the object's content entities,~~

~~wherein the hierarchically related content entities further comprise a parent container type and a child container type, wherein parent containers can contain child containers, and child containers can contain content entities;~~

~~wherein for the content object, storing as a file object within the data repository, the outline of containers and content entity identifiers indicating the content entities within the content object, wherein a hierarchical arrangement of the content entity identifiers within the outline includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each containing a content entity, wherein the content entity identifiers each include identification~~

12

~~information identifying the content file object containing the content entity associated with that~~ ~~identifier~~.

19(Original).   The system of claim 18, further comprising means for receiving a user-specification of a content entity to move and target location for the specified content entity.

20(Currently amended).   The system of claim 19, further comprising ~~a user interface communicating with the data repository, and~~ a mechanism for enabling a user to select a content entity to move and specify the target location in the content object through the user interface.

21(Currently amended).   The system of claim 18, wherein the content object comprises a book, the content entities comprise sections and the containers comprise <u>at least one of</u> chapters and books.

22(Previously presented).   The method of claim 1, further comprising calculating a cost for the content object according to costs of the content entities.

23(Previously presented).   The method of claim 4, further comprising calculating a cost for the content object according to costs of the content entities.

24(Currently amended).   The <u>program storage device</u> ~~method~~ of claim 8, <u>wherein said method</u> further <u>comprises</u> ~~comprising~~ calculating a cost for the content object according to costs of the content entities.

25(Currently amended). The ~~program storage device~~ <u>method</u> ~~method~~ of claim 11, <u>wherein said</u> <u>method</u> further <u>comprises</u> ~~comprising~~ calculating a cost for the content object according to costs of the content entities.

26(Previously presented). The system of claim 15, further comprising means for calculating a cost for the content object according to costs of the content entities.

27(Previously presented). The system of claim 18, further comprising means for calculating a cost for the content object according to costs of the content entities.

28(Currently amended). The method of claim 1, wherein <u>the hierarchically related</u> <u>content entities further comprise a parent container type and a child container type, and wherein</u> <u>parent containers can contain child containers, and child containers can contain content entities</u> <u>and</u> each content entity has an identifier with a format of parentcontainerref.childcontainerref.contententityref, where parentcontainerref is a reference to a parent container, childcontainerref is a reference to a child container and contententityref is a reference to a content entity, thereby indicating the hierarchical level of the entity.

29(Previously presented). The method of claim 28, wherein the parent container type is a book, the child container type is a chapter, and the content entity is a section.

30(Currently amended). The method of claim 4, wherein <u>the hierarchically related</u> <u>content entities further comprise a parent container type and a child container type, and wherein</u>

parent containers can contain child containers, and child containers can contain content entities and each content entity has an identifier with a format of parentcontainerref.childcontainerref.contententityref, where parentcontainerref is a reference to a parent container, childcontainerref is a reference to a child container and contententityref is a reference to a content entity, thereby indicating the hierarchical level of the entity.

31(Previously presented). The method of claim 30, wherein the parent container type is a book, the child container type is a chapter, and the content entity is a section.

32(Currently amended). The program storage device method of claim 8, wherein the hierarchically related content entities further comprise a parent container type and a child container type, and wherein parent containers can contain child containers, and child containers can contain content entities and each content entity has an identifier with a format of parentcontainerref.childcontainerref.contententityref, where parentcontainerref is a reference to a parent container, childcontainerref is a reference to a child container and contententityref is a reference to a content entity, thereby indicating the hierarchical level of the entity.

33(Currently amended). The program storage device method of claim 32, wherein the parent container type is a book, the child container type is a chapter, and the content entity is a section.

34(Currently amended). The program storage device method of claim 11, wherein the hierarchically related content entities further comprise a parent container type and a child

container type, and wherein parent containers can contain child containers, and child containers can contain content entities and each content entity has an identifier with a format of parentcontainerref.childcontainerref.contententityref, where parentcontainerref is a reference to a parent container, childcontainerref is a reference to a child container and contententityref is a reference to a content entity, thereby indicating the hierarchical level of the entity.

35(Currently amended). The program storage device ~~method~~ of claim 34, wherein the parent container type is a book, the child container type is a chapter, and the content entity is a section.

36(Currently amended). The system ~~to~~ of claim 15, wherein the hierarchically related content entities further comprise a parent container type and a child container type, and wherein parent containers can contain child containers, and child containers can contain content entities and each content entity has an identifier with a format of parentcontainerref.childcontainerref.contententityref, where parentcontainerref is a reference to a parent container, childcontainerref is a reference to a child container and contententityref is a reference to a content entity, thereby indicating the hierarchical level of the entity.

37(Previously presented). The system of claim 36, wherein the parent container type is a book, the child container type is a chapter, and the content entity is a section.

38(Currently amended). The system of claim 18, wherein the hierarchically related content entities further comprise a parent container type and a child container type, and wherein

parent containers can contain child containers, and child containers can contain content entities and each content entity has an identifier with a format of parentcontainerref.childcontainerref.contententityref, where parentcontainerref is a reference to a parent container, childcontainerref is a reference to a child container and contententityref is a reference to a content entity, thereby indicating the hierarchical level of the entity.

39(Previously presented). The system of claim 38, wherein the parent container type is a book, the child container type is a chapter, and the content entity is a section.

40(Currently amended). A method for reordering content in a content object being one of a book, a collection of images, an album, a video and a multimedia object and stored as a plurality of hierarchically related individual content entities in a data repository, each content entity having an identifier and stored within said data repository as a file object, comprising:

creating said content object by enabling selection of content entities within said data repository for inclusion within said content object via a user interface, wherein at least one selected content entity includes pre-existing material, is pre-stored in said data repository and is selectable for inclusion within a plurality of different content objects;

defining the content object with a first list of content entity identifiers each associated with a corresponding one of said selected content entities, wherein the content entity identifiers each include identification information identifying the file object containing the content entity associated with that identifier, and wherein a hierarchical arrangement of the content entity identifiers within the list includes at least one hierarchical tier and at least one subordinate tier

and corresponds to a user-defined content object hierarchical structure;

redefining the order of the selected content entities and corresponding pre-existing material within the content object hierarchical structure in accordance with movement of ~~such that moving~~ a content entity identifier from the first list of content entity identifiers to a new location within the first list of content entity identifiers ~~redefines the order of the object's content entities,~~;

wherein moving a content entity identifier in the first list to a new location comprises:

selecting the content entity identifier from the first list of content entity identifiers to be moved; and

specifying a location from a second list of content entity identifiers where the content entity identifier from the first list of content entity identifiers is to be moved;

wherein the specified location comprises at least one of a current content entity identifier or a newly created content entity identifier;

~~wherein for the content object, storing as a file object within the data repository, the first list of content entity identifiers indicating the content entities within the content object, wherein a hierarchical arrangement of the content entity identifiers within the first list includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined content object hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each containing a content entity, wherein the content entity identifiers each include identification information identifying the content file object containing the content entity associated with that identifier.~~

18

41(Previously presented). A method for reordering content in a content object according to claim 40, wherein the specified location from the second list of content entity identifiers is selected via a drop down box.

42(Currently amended). A method for reordering content in a customized electronic book stored as a plurality of hierarchically related <u>individual</u> content entities in a computer database, each content entity having an identifier <u>and stored within said computer database as a file object</u>, comprising:

<u>creating said customized book by enabling selection of content entities within said computer database for inclusion within said customized book via a user interface, wherein at least one selected content entity includes pre-existing material, is pre-stored in said computer database and is selectable for inclusion within a plurality of different customized books;</u>

defining the customized book with a first outline of content entity identifiers <u>each associated with a corresponding one of said selected content entities, wherein the content entity identifiers each include identification information identifying the file object containing the content entity associated with that identifier, and wherein a hierarchical arrangement of the content entity identifiers within the first outline</u> includes at least one hierarchical tier and at least one subordinate tier <u>and corresponds to a user-defined customized book hierarchical structure;</u>

<u>redefining the order of the selected content entities and corresponding pre-existing material within the customized book hierarchical structure in accordance with movement of</u> ~~such that moving~~ a content entity identifier from the first outline to a new location within the first

~~out~~ outline of content entity identifiers ~~redefines the order of the content entities within the~~

~~customized book,~~;

wherein moving a content entity identifier from the first outline to a new location

comprises:

selecting a content entity identifier from the first outline to be moved; and

specifying a location from a second outline of content entity identifiers where the

content entity identifier of the first outline is to be moved;

wherein the specified location comprises at least one of a current content entity

identifier or a newly created content entity identifier~~;~~

~~wherein for the content object, storing as a file object within the data repository, the first~~

~~outline of content entity identifiers indicating the content entities within the content object,~~

~~wherein a hierarchical arrangement of the content entity identifiers within the first outline~~

~~includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-~~

~~defined content object hierarchical structure, and~~

~~storing the content entities within the data repository as a plurality of file objects, each~~

~~containing a content entity, wherein the content entity identifiers each include identification~~

~~information identifying the content file object containing the content entity associated with that~~

~~identifier.~~

43(Previously presented). A method for reordering content in a customized electronic

book according to claim 42, wherein the specified location from the second outline of content

entity identifiers is selected via a drop down box.--

20